

ROUTING			
TO:	NAME AND ADDRESS	DATE	INITIALS
1			
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4			
	ACTION	DIRECT REPLY	PREPARE REPLY
	APPROVAL	DISPATCH	RECOMMENDATION
	COMMENT	FILE	RETURN
	CONCURRENCE	INFORMATION	SIGNATURE
REMARKS:			
FROM: NAME, ADDRESS, AND PHONE NO.			DATE

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(See inside cover)

CONTROL NO. Z-11710/83

NPIC/PEG (7/83)

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<b>NOFORN-</b>	<b>Not Releasable to Foreign Nationals</b>
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<b>ORCON-</b>	<b>Dissemination and Extraction of Information Controlled by Originator</b>
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Attachment to

Z-11710/83  
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3-PART GRAPHIC

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ABALAKOVO PHASED ARRAY RADAR FACILITY, USSR

25X1

1. SIGNIFICANCE: ADDITIONAL DETAILS ARE OBSERVED AT THIS PHASED ARRAY RADAR FACILITY. (SWN)
2. REMARKS: CONSTRUCTION IS CONTINUING ON THIS NEWLY IDENTIFIED BISTATIC PHASED ARRAY RADAR. THE ANTENNA BUILDINGS ARE ORIENTED ON AN AZIMUTH OF APPROXIMATELY 40 DEGREES (GRAPHIC 1). THE TRANSMITTER BUILDING (GRAPHIC 2) IS APPROXIMATELY 81 METERS BY 146 METERS WIDE, WITH AN 81-METER WIDE ANTENNA FACE. THE RECEIVER BUILDING (GRAPHIC 3) IS APPROXIMATELY 42 METERS BY 102 METERS WIDE AND 74 METERS HIGH, BUT IS NOT YET STRUCTURALLY COMPLETE. WHEN COMPLETED, THIS PHASED ARRAY RADAR FACILITY WILL PROVIDE BALLISTIC MISSILE EARLY WARNING (BMEW) COVERAGE OF NORTHEASTERN USSR AND THE EASTERN ARCTIC OCEAN. (SWN)

THIS FACILITY, WHICH IS IN THE MIDSTAGE OF CONSTRUCTION, IS SIMILAR TO THE LYAKI PHASED ARRAY RADAR ( ) AND THE PECHORA PHASED ARRAY RADAR FACILITY ( ). THIS NEW RADAR FILLS IN THE LAST REMAINING GAP IN BMEW COVERAGE PROVIDED BY THE HEN HOUSE AND THE NEWER PHASED ARRAY EARLY WARNING RADARS. (SWN)

3. ( ) COORDINATES 57-52-04N 093-06-57E

COMMENTS AND QUERIES REGARDING THIS BRIEFING BOARD MAY BE DIRECTED TO ( )

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